

ebm-papst at Compamed 2021 in Düsseldorf

Efficient drive and reliable cooling for medical technology

Back in person and ready for the future: Compamed 2021 will be held in person live in Düsseldorf from November 15 to November 18. At booth E40 in Hall 14, ebm-papst will be presenting a modern and innovative driving/steering system with its pioneering ArgoDrive, as well as intelligent compact fans for a wide range of applications in the medical technology field of tomorrow.

There has been significant demand for modern technologies in recent years, particularly in the health sector. Technological concepts in the medical technology field have to be reliable, efficient, compact and operate as quietly as possible, to name just a few requirements.

More mobility with a new drive solution

ebm-papst offers the ArgoDrive, a new driving/steering system that provides a unit consisting of motors, special transmissions, sensors and all the necessary connections in a small space. Depending on the design and requirements, the entire automated guided vehicle (AGV) can transport up to 500 kilograms of weight per wheel. Thanks to its omnidirectional maneuverability, the drive is suitable in the medical technology field, for example, for applications in imaging analysis or for moving various medical components from place to place, which allows systems with a higher utilization rate to be used in different places. The infinite steering angle makes it easier to move proactively around obstacles. This allows imaging applications to be mobilized using the ArgoDrive. The use of state-of-the-art technologies makes people nearby feel safe and great.

AxiForce: demand-based cooling

Compact devices generate waste heat despite their high efficiency. The AxiForce series from ebm-papst is suitable for a wide range of applications in medical technology. The compact fans cool high-performance electronics as required and achieve top efficiency values thanks to the aerodynamic design of the housing and fan impeller and to innovative motor technology. One area in which axial compact fans are indispensable is in imaging methods, as they cool the high-performance electronics for control, diagnosis and output of CT devices as required. At the same time, the size 80 AxiForce, for example, generates up to 6 dB (A) less noise than its predecessor, which is a crucial factor in medical technology, especially when it is used close to people.

Hygiene concept and tickets

For the best possible safety, Compamed 2021 is committed to a comprehensive hygiene concept. Visitors must prove that they have been vaccinated, have had coronavirus and have recovered, or that they have been tested. Masks must be worn in the halls. Tickets can only be purchased online in advance.

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Image: ebm-papst will be presenting ventilation and drive technology solutions for the medical sector, e.g. for efficiently transporting X-ray equipment, at COMPAMED.

Image ebm-papst
Characters approx. 2,700, including headings and sub-headings
Tags EC technology, AxiForce, medical technology, AGV
Link [https:// www.ebmpapst.com/compamed](https://www.ebmpapst.com/compamed)

About ebm-papst

The ebm-papst Group, a family-run company headquartered in Mulfingen/Germany, is the world's leading manufacturer of fans and drives. Since the technology company was founded in 1963, it has continuously set the global industry standard with its core competences in motor technology, electronics, digitization and aerodynamics. With over 20,000 products in its portfolio, ebm-papst provides the best energy-efficient, intelligent solution for virtually every ventilation or drive-engineering task.

In fiscal year 2020/21, the "hidden champion" generated revenues of € 2.129 billion. The group employs roughly 15,000 people at 29 production sites (in Germany, China and the USA, to name but a few) and in 51 sales offices worldwide. ebm-papst sets the benchmark with their fan and drive solutions which are used in almost all industries, such as ventilation, air conditioning and refrigeration, heating, automotive, information technology, mechanical engineering, household appliances, intralogistics and medical engineering.

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